Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A solid-state laser device, which comprises a first resonator for projecting a first laser beam and a second resonator for projecting a second laser beam, wherein said first resonator and said second resonator commonly share a part of an optical axis and an output mirror, and which comprises a first light emitting unit for said first resonator, a second light emitting unit for said second resonator, a monitoring means for splitting and monitoring a part of said first laser beam and for splitting and monitoring a part of said second laser beam among the laser beams projected from said output mirror, and a control unit for controlling at least one of said first light emitting unit and said second light emitting unit based on a detection result from said monitoring means, wherein said control unit controls the projection of said first laser beam and said second laser beam so that said first laser beam and said second laser beam are projected in different modes.

2. (Original) A solid-state laser device according to claim 1, wherein said monitoring means comprises a first monitoring means for monitoring said first laser beam and a second monitoring means for monitoring said second laser beam, and said control unit can independently control said first light emitting unit and said second light emitting unit.

3. (Original) A solid-state laser device according to claim 2, wherein a wavelength of the first laser beam is different from a wavelength of the second laser beam.

4. (Original) A solid-state laser device according to claim 2, wherein a direction of polarization of the first laser beam is different from a direction of polarization of the second laser beam.

5. (Currently amended) A solid-state laser device according to claim 2, wherein said control unit controls ~~one of~~ said first light emitting unit so that said first light emitting unit can emit a pulse with a higher output peak value and emit shorter-time pulse than the output of said second light emitting unit, and wherein said control unit controls said second light emitting unit so that said second light emitting unit can emit a

second pulse with a lower output peak value and continuously or longer-time pulse than the output of said first light emitting unit ~~and the second light emitting unit so that a short-time pulse with higher output peak value can be issued and said control unit controls the other of said light emitting units to continuous or long-time pulse with lower output peak value~~.

6. (New) A solid-state laser device according to claim 1, wherein said first laser beam is a beam for administering therapy to a site of a patient to be treated, and said second laser beam is a beam for measuring a photo-acoustic signal to monitor the temperature of the treated site.

7. (New) A solid-state laser device according to claim 1, wherein said first laser beam is a photocoagulation therapy beam, and said second laser beam is a beam for optical coherence tomography, wherein the acquisition of an image of a treated site and the photocoagulation therapy are carried out in real time, or the imaging and treatment of a cornea is executed in real time by selecting the wavelength.

8. (New) A solid-state laser device according to claim 1, wherein said first laser beam and said second laser beam have

wavelengths of 405 nm and 664 nm (absorption bands of Npe6) and wherein observation of the fluorescent image and photodynamic therapy are carried out at the same time by projecting said first laser beam and said second laser beam.